



**Commonwealth of Virginia  
Locality Recycling Rate Report  
For Calendar Year 2003**

**Contact Information**

**Reporting Jurisdiction:** \_\_\_\_\_

**Person Completing This Form:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
**Street/P.O. Box** **City** **State** **Zip**

**Phone #:** (\_\_\_\_) \_\_\_\_\_ **Fax #:** (\_\_\_\_) \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Member Governments** (The local governments identified in your regional solid waste management plan): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Calculated Recycling Rate:** Using the formula provided below and the information identified on Page 2 calculate your recycling rate for the reporting period.

$$[P + S] / [P + S + M] \times 100 = \text{Recycling Rate}$$

$$\frac{[\text{____} + \text{____}]}{[\text{Total PRM (P)} + \text{Total SRM (S)}] / [\text{Total PRM (P)} + \text{Total SRM (S)} + \text{Total MSW (M)}]} \times 100$$

= \_\_\_\_\_ %  
Recycling Rate

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

Return completed form by April 30, 2004 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

## Locality Recycling Rate Report

For Calendar Year 2003

**Part I: Principal Recyclable Material (PRM):** Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

### PRM TYPE

### RECYCLED AMOUNT (TONS)

Paper

Metal

Plastic

Glass

Commingled

Yard Waste (composted or mulched)

Waste wood (chipped or mulched) (see Other, Page 3)

Textiles

**TOTAL PRM**

(P)

**Part II: Supplemental Recyclable Material (SRM):** Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

### SRM TYPE

### RECYCLED AMOUNT/Tons

Waste Tires

Used Oil

Used Oil Filters

Used Antifreeze

Abandoned automobiles removed

Batteries

Sludge (composted)

Electronics

Tree Stumps (> 6" Diameter)

Other (from Page 3)

**SUBTOTALS**

(RECYCLED SRM)

### REUSED\* AMOUNT/Tons\*

Construction Waste

Demolition Waste

Debris Waste

Ash (see Other, Page 3)

Other (from Page 3)

**SUBTOTALS**

(REUSED SRM)

**TOTAL SRM**

(S)

**Part III: Total Municipal Solid Waste (MSW) Disposed\*\*:** Report only MSW generated within the reporting jurisdiction(s), NOT imported waste.

### MSW TYPE

### TOTAL AMOUNT DISPOSED (TONS)

Household

Commercial

Institutional

Other\*\*\*

**TOTAL MSW DISPOSED**

(M)

\*Material separated from the waste stream and used, without processing or changing its form, for the same or another end use.

\*\*Disposed for the purpose of this report means delivery to a permitted sanitary landfill or waste incinerator for disposal.

\*\*\*May add total amounts of SRM generated, if known.

## Locality Recycling Rate Report Instructions

**OPTIONAL:** Use this page to report and summarize information for the “Other” categories on Page 2 of this form.

**SRMs, “other” material:** (If your locality processed and recycled storm debris from the hurricane, this excess material should be listed here and not included in the waste wood or yard waste category under PRMs.)

<u>Material</u>	<u>Tons Recycled</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
<b>Total SRMs Recycled</b>	_____ (to “Other” entry, Page 2)

**SRMs, “other” material:** (Ash generated by an industrial operation does not qualify as MSW material and should not be included in the Ash category on Page 2, or included in the recycling rate calculation. Tonnage and use should be identified on Page 4 as beneficial reuse.)

<u>Material</u>	<u>Tons Reused</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
<b>Total SRMs Reused</b>	_____ (to “Other” entry, Page 2)

## Locality Recycling Rate Report Instructions

**OPTIONAL:** Use this page to identify those programs, activities, procedures or operations which you feel reflect the locality's commitment to waste minimization, waste reduction, and/or materials reuse which by definition on the recycling rate reporting form may not be included in the recycling rate calculation.

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.

## Locality Recycling Rate Report Instructions

Amended Regulations for the Development of Solid Waste Management Plans (9 VAC 20-130-10 et seq.) became effective on August 1, 2001. The amended regulations require that Regions as well as each city, county, and town not part of a designated Region in the Commonwealth develop complete, revised solid waste management plans. Section 9 VAC 20-130-120 B & C of the Regulations requires that a minimum recycling rate of 25% of the total municipal solid waste generated annually in each city, county, town, or region be maintained. It also requires that the plan describe how this rate shall be met or exceeded and requires that the calculation methodology be included in the plan. Section 9 VAC 20-130-165 D establishes that every city, county, and town in the Commonwealth, or solid waste management planning region shall submit to the department by April 30 of each year, the data and calculations required in 9 VAC 20-130-120 B & C for the preceding calendar year.

*PLEASE NOTE: IF YOUR LOCALITY'S RECYCLING PROGRAM IS INCORPORATED INTO A DESIGNATED REGION'S PROGRAM, YOU WILL ONLY NEED TO FILL IN THE CONTACT INFORMATION SECTION FOR YOUR LOCALITY AND SPECIFY THE REGION.*

It is requested that the amounts included on the form be listed in **tons**, rounded to the nearest whole ton. If actual weights are not known, volumes can be converted to weight estimates. To assist you with these estimates, a standardized volume-to-weight conversion table is attached.

**Contact Information Section:** Please provide information on the Reporting Jurisdiction and information on the individual completing this form. Under Member Governments, please list the local governments identified in the applicable solid waste management plan, unless the plan indicates the participating local governments will be reporting on the status of their recycling collection programs independently.

**Calculated Recycling Rate Section:** Using the formula provided, calculate your recycling rate for the reporting period from information identified in the Recycling Rate Calculations Section.

**Signature Block Section:** Please provide an authorized signature prior to submitting the completed form.

**Recycling Rate Calculations Section:** Please provide the requested information:

**Part I: Principal Recyclable Material (PRM):** Report the amount in tons of each PRM collected for recycling in the named jurisdiction(s) during the reporting period. PRMs include paper, metal (except automobile bodies), plastic, glass, commingled, yard waste, waste wood, and textiles. The total weight in **tons** of all PRMs collected for recycling represents the letter **P** in the Recycling Rate Calculation.

**Part II: Supplemental Recyclable Material (SRM):** Report the amount in tons of each SRM recycled and the amount reused in the named jurisdiction(s) during the reporting period for each of the requested categories. Recycled SRMs include waste tires, used oil, used oil filters, used antifreeze, abandoned automobiles removed, batteries, sludge (composted), electronics, and large diameter tree stumps (>6" diameter). For a material to classify as "reused" a solid waste material must be separated from the waste stream and used, without processing or changing its form, for the same or another end use. Reused SRMs include construction waste, demolition waste, debris waste and ash. The total weight in **tons** of all SRMs collected for recycling and/or reuse represents the letter **S** in the Recycling Rate Calculation.

*Vegetative and Yard Waste Material may only be counted towards your recycling rate if they are being mulched or composted, and used for agricultural or landscaping purposes. Sludge that is de-watered and then land applied should not be included as a SRM.*

**Part III: Total Municipal Solid Waste (MSW) Disposed:** Report the total amount in **tons** of MSW that was disposed of by the reporting jurisdiction(s) during the reporting period for each of the source categories (Household, Commercial, Institutional, and Other). For the purpose of this report, "disposed," means delivery to a permitted sanitary landfill or waste incinerator for disposal and excludes industrial wastes. Totals for each of these categories should include only the amount of MSW generated by and then disposed of by the reporting jurisdiction(s). The total weight in tons of MSW disposed of represents the letter **M** in the Recycling Rate Calculation.

**Locality Recycling Rate Report Conversion Table**

<b>Material</b>	<b>Volume</b>	<b>Weight in Pounds</b>
<b>Metal</b>		
Aluminum Cans, Whole	One cubic yard	50-74
Aluminum Cans, Flattened	One cubic yard	250
Aluminum Cans	One full grocery bag	1.5
Ferrous Cans, Whole	One cubic yard	150
Ferrous Cans, Flattened	One cubic yard	850
Automobile Bodies	One vehicle	2,000
<b>Paper</b>		
Newsprint, Compacted	One cubic yard	720-1,000
Newsprint	12" stack	35
Corrugated Cardboard, Loose	One cubic yard	300
Corrugated Cardboard, Baled	One cubic yard	1,000-2,000
<b>Plastic</b>		
PETE, Whole, Loose	One cubic yard	30-40
PETE, Whole, Loose	Gaylord	40-53
PETE, Whole, Baled	30" x 62"	500
Film, Baled	30" x 42" x 48"	1,100
Film, Baled	Semi-Load	44,000
Film, Loose	Standard grocery bag	15
HDPE (Dairy Only), Whole, Loose	One cubic yard	24
HDPE (Dairy Only), Baled	32" x 60"	400-500
HDPE (Mixed), Baled	32" x 60"	900
Mixed PET & Dairy, Whole, Loose	One cubic yard	32
Mixed PET, Dairy & Other Rigid (Whole, Loose)	One cubic yard	38
Mixed Rigid, No Film	One cubic yard	49
<b>Glass</b>		
Glass, Whole Bottles	One cubic yard	600-1,000
Glass, Semi-Crushed	One cubic yard	1,000-1,800
Glass, Crushed (Mechanically)	One cubic yard	800-2,700
Glass, Whole Bottles	One full grocery bag	16
Glass, Uncrushed to Manually Broken	55 gallon drum	125-500
<b>Arboreal</b>		
Leaves, Uncompacted	One cubic yard	250-500
Leaves, Compacted	One cubic yard	320-450
Leaves, Vacuumed	One cubic yard	350
Wood Chips	One cubic yard	500
Grass Clippings	One cubic yard	400-1,500
<b>Other</b>		
Battery (Heavy Equipment)	One	60
Battery (Auto)	One	35.9
Used Motor Oil	One gallon	7.4
Used Oil Filters (Uncrushed)	55 gallon drum	66 Lbs./Used Oil + 110 Lbs./Ferrous Metal
Used Oil Filters (Crushed)	55 gallon drum	16.5 Lbs./Used Oil + 368 Lbs./Ferrous Metal
Tire - Passenger Car	One	20
Tire - Truck, Light	One	35
Tire - Semi	One	105
Antifreeze	One gallon	8.42
Food Waste, Solid & Liquid Fats	55 gallon drum	412
<b>This Table For General Guidance Only.</b>		